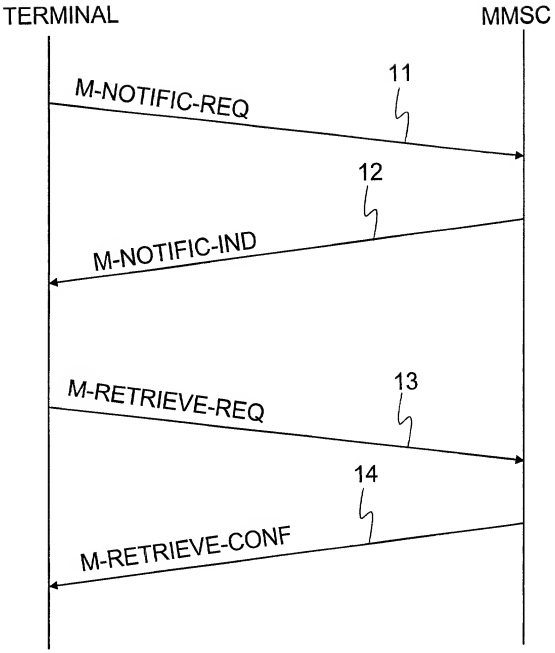
TERMINAL
MMSC
M-NOTIFIC-REQ
11
12
M-NOTIFIC-IND
M-RETRIEVE-REQ
13
14
M-RETRIEVE-CONF

Fig. 1

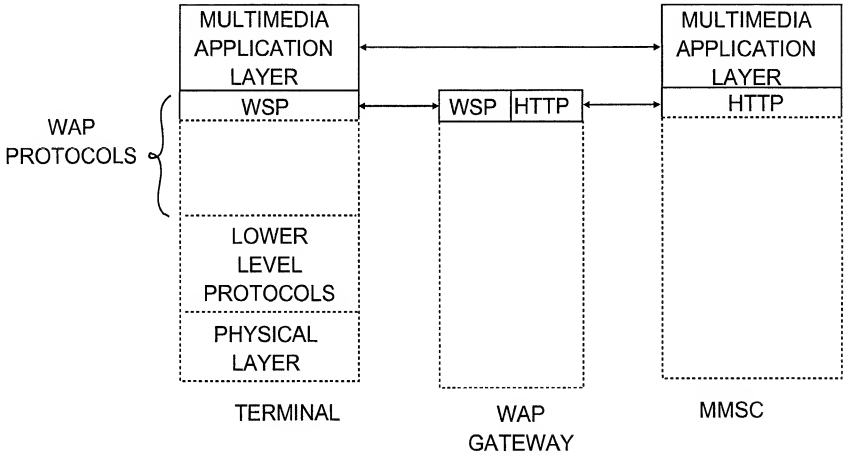
MULTIMEDIA APPLICATION LAYER
WSP
WAP PROTOCOLS
LOWER LEVEL PROTOCOLS
PHYSICAL LAYER
TERMINAL
WSP
HTTP
WAP GATEWAY
MULTIMEDIA APPLICATION LAYER
HTTP
MMSC

Fig. 2

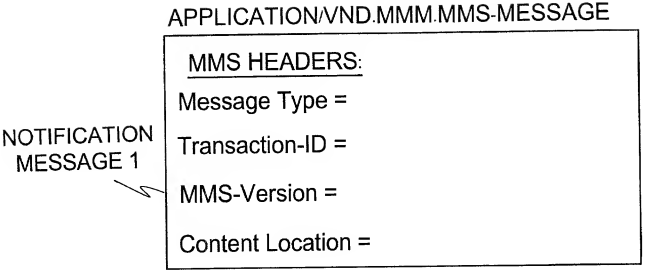
APPLICATION/VND.MMM.MMS-MESSAGE
MMS HEADERS:
Message Type =
Transaction-ID =
MMS-Version =
Content Location =
NOTIFICATION MESSAGE 1

Fig. 4

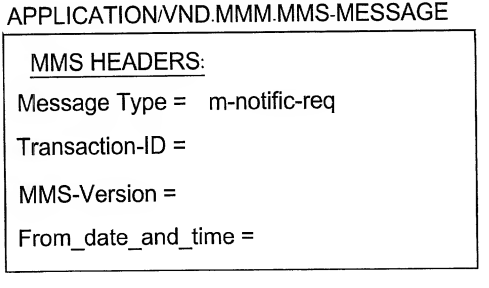
APPLICATION/VND.MMM.MMS-MESSAGE
MMS HEADERS:
Message Type = m-notific-req
Transaction-ID =
MMS-Version =
From_date_and_time =

Fig. 3a

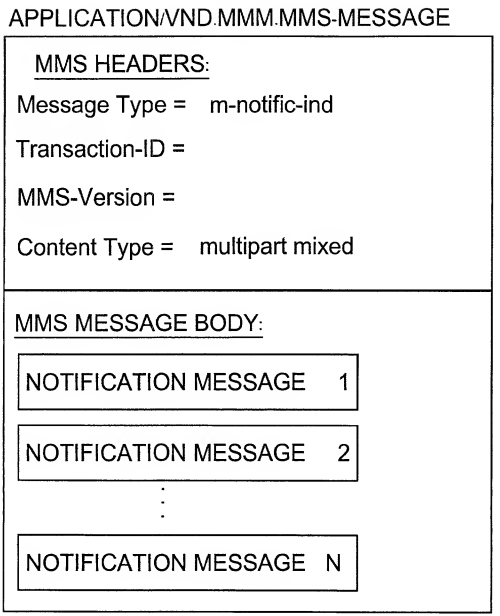
APPLICATION/VND.MMM.MMS-MESSAGE
MMS HEADERS:
Message Type = m-notific-ind
Transaction-ID =
MMS-Version =
Content Type = multipart mixed
MMS MESSAGE BODY:
NOTIFICATION MESSAGE 1
NOTIFICATION MESSAGE 2
NOTIFICATION MESSAGE N

Fig. 3b

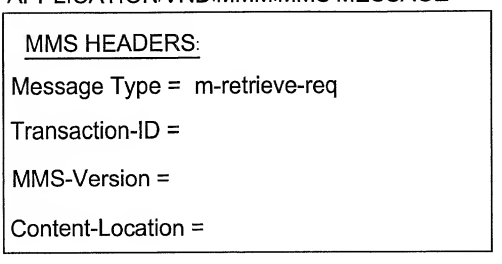
APPLICATION/VND.MMM.MMS-MESSAGE
MMS HEADERS:
Message Type = m-retrieve-req
Transaction-ID =
MMS-Version =
Content-Location =

Fig. 3c

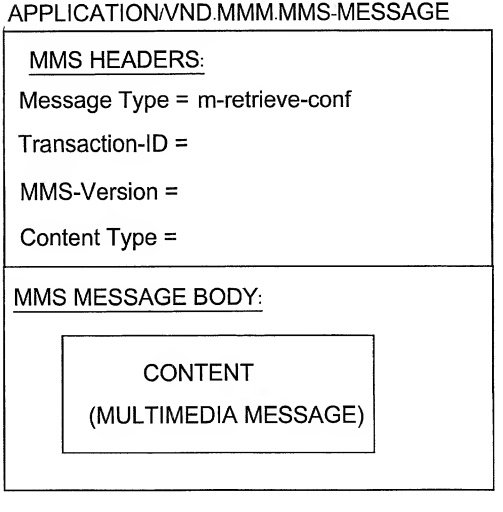
APPLICATION/VND.MMM.MMS-MESSAGE
MMS HEADERS:
Message Type = m-retrieve-conf
Transaction-ID =
MMS-Version =
Content Type =
MMS MESSAGE BODY:
CONTENT
(MULTIMEDIA MESSAGE)

Fig. 3d

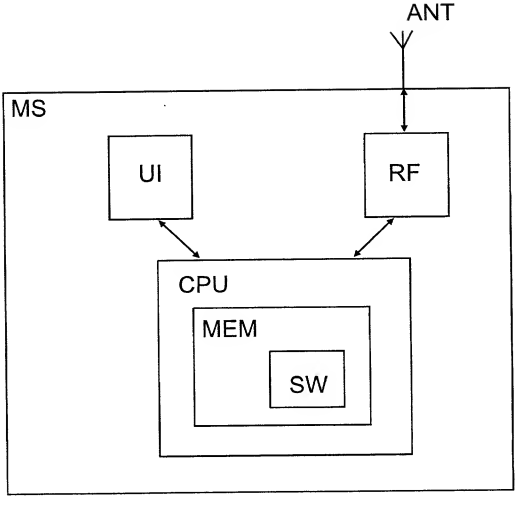

Fig. 5

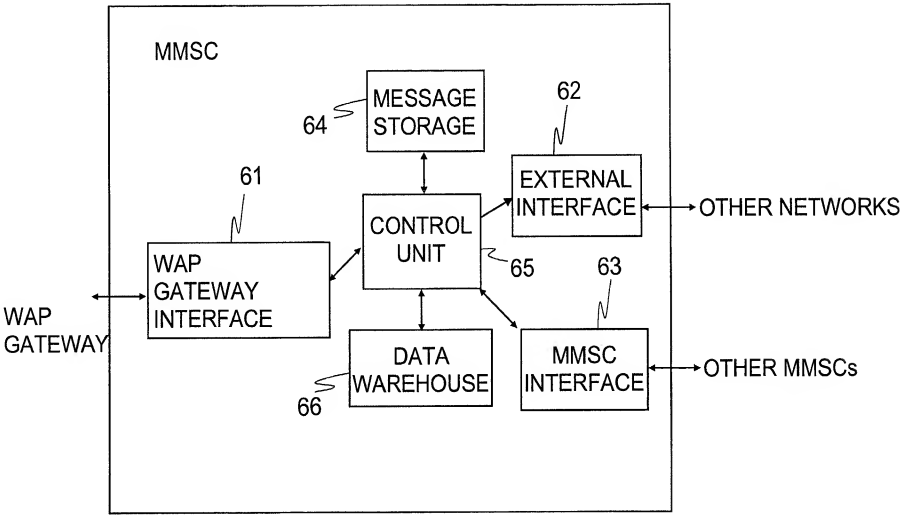
MMSC
MESSAGE STORAGE
64
62
EXTERNAL INTERFACE
OTHER NETWORKS
61
CONTROL UNIT
65
63
WAP GATEWAY INTERFACE
WAP GATEWAY
DATA WAREHOUSE
66
MMSC INTERFACE
OTHER MMSCs

Fig. 6

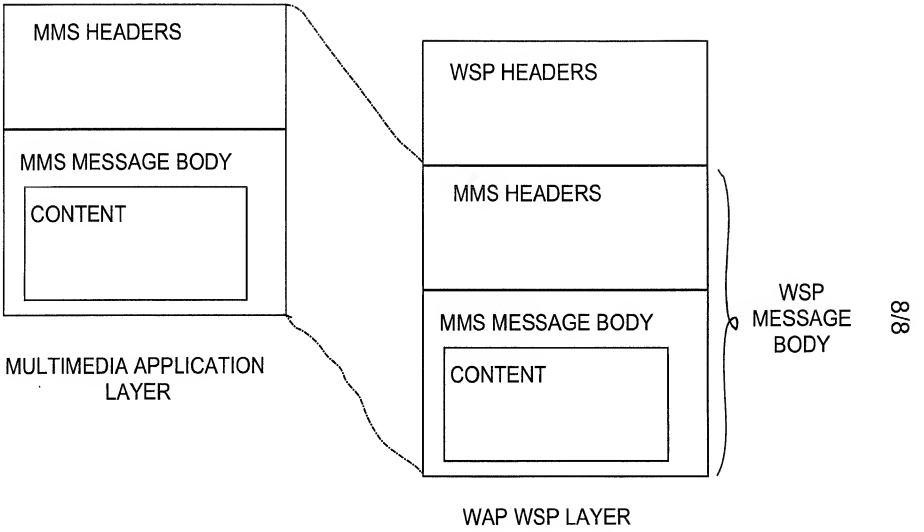
MMS HEADERS
MMS MESSAGE BODY
CONTENT
MULTIMEDIA APPLICATION LAYER
WSP HEADERS
MMS HEADERS
MMS MESSAGE BODY
CONTENT
WAP WSP LAYER
WSP MESSAGE BODY

Fig. 7